

IDS GV-5270FA-M-GL, GigE, 1/1.8" Monochrome Camera

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Stock #26-302 3-4 DAYS

- 1 + £518⁵⁰

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Qty 1+

£518.50

Volume Pricing

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Product Downloads

SPECIFICATIONS

General

Type:
Mono

Manufacturer:
IDS Imaging Development Systems

Camera Family:
uEye+ FA

Model Number:
GV-5270FA-M-GL

Physical & Mechanical Properties

Dimensions (mm):
41 x 53 x 42.7 (excludes connectors and lens mount)

Weight (g):
175

Housing:
Full

Sensor

Image Buffer:
128

Imaging Sensor:
Sony IMX265

Type of Sensor:
Progressive Scan CMOS

Type of Shutter:
Global

Camera Sensor Format:
1/1.8"

Resolution (MegaPixels):
3.19

Pixels (H x V):
2,056 x 1,542

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
7.093 x 5.32

Frame Rate (fps):
37.00

Pixel Depth:
12 bit

Exposure Time:
0.03ms - 2000ms

Dynamic Range (dB):
70.00

Machine Vision Standard:
GigE Vision

Electrical

Power Consumption (W):
1.7 - 2.9

Hardware & Interface Connectivity

Video Output:
GigE (PoE)

Connector:
GigE M12, screwable

Power Supply:
Power over Ethernet (PoE) or 12 - 24VDC via GPIO
with [#19-692](#)

GPIOs:
2 Flash Output, 2 Trigger Input, 2 GPIO, 1 Voltage
Output, 1 Ground

Synchronization:
Hardware Trigger (GPIO); Software Trigger

Interface Port Orientation:
Back Panel

GPIO Connector Type:
8-pin Binder connector (Binder series 712: 09-0427-
020-08)

Threading & Mounting

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#19-694](#)

Mount:
C-Mount

Environmental & Durability Factors

Operating Temperature (°C):
0 to +55

Storage Temperature (°C):
-20 to +60

Regulatory Compliance

RoHS 2015:
[Exempt](#)

Certificate of Conformance:
[View](#)

REACH 241:
[Contains SVHC\(s\)](#)

PRODUCT DETAILS

- Designed for Harsh Environments
- Robust IP65/67 Housing for Dust and Washdown Protection
- Compatible with [TECHSPEC® Cw Series Lenses](#)
- IP65/67 Rated Accessories and Illumination Also Available

IDS Imaging uEye+ FA IP65/67 PoE Cameras feature robust IP65/67 rated housings to withstand harsh industrial environments, providing protection against dirt, dust, and water. These cameras provide plug-and-play functionality and require no additional enclosures when paired with [TECHSPEC® Cw Series Lenses](#). Featuring IP65/67 rated accessories, these cameras utilize IDS Imaging's latest Peak SDK platform that supports GenICam and GigE Vision standards, simplifying system integration and software development. IDS Imaging uEye+ FA IP65/67 PoE Cameras are ideal for a wide variety of demanding applications requiring washdown and dust resistance including factory automation, medical technology, and machine vision.